

Initiating Action of Nitrooyl Chloride in the
Oxidation of Propane, by Z. K. Mayzue, E. M.
Eman'iyel, 4 pp. ~~XXXXXXXX~~

RUSSIAN, par, Dok Ak Nauk SSSR, Vol CXXXIII,
No 3, 1960, pp 627-629.

CB

Sci

149,198

Apr 61

The Mechanism of the Influence of Small Quantities of
Added Electrolytes on the Strength of Crystalliza-
tion Hardened Structure, by E. E. Segalova, Z. N.
Markina, P. A. Rebinder, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII,
No 3, 1960, pp 630-632

CB

Sci

149, 191

Apr 61

Stationary States of Dispersed Electrochemical
Systems and their Stability, by V. P. Smilga,
Yu. A. Chizmadzhev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII,
No 3, 1960, pp 633-636.

CB

Sci

149,193

Apr 61

Dependence of Normal and Shearing Stressed Upon
the Value of Deformation at the Transition from the
Rest State to the Stationary Flow of a Gel of Alum-
inum Sulfate, by A. A. Trapeznikov, A. S.
Morozov, and G. G. Petrzhik, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII,
No 3, 1960, pp 637-640.

CB

149,192

Sci
Apr 61

Chemical Adsorption on Pure NiS and
NiS Containing Additives, by
Yu-Mei Huang.
RUSSIAN, per, Akademiya Nauk SSSR.
Doklady, Vol 133, 1960, pp 641-644
NTC 72-11430-07D

189, 194
June 72

Effect of Metal and Solvent on the \bar{X} Formation of
Aromatic Anion-Radical Polymerization Initiators,
by E. A. Yakovleva, E. S. Petrov, S. P. Solodovni-
kov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXCKLIII,
No 3, 1960, pp 645-648/.

Sci

Apr 61

CB
OTS 61-14984
149,187

Certain Features of Upper Cretaceous Volcanism in
Southeastern Georgia, by G. M. Zaridze, N. F.
Tatrishvili, I. I. Khmaladze, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII, No 3,
1960, pp 649-652

ASI

117 37

Sci

Aug 61

183,840

Biostratigraphy of the Maikop Deposits of South
Mangyshlak, by R. L. Marklin, V. G. Morozova,
A. S. Stolyarov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII, No 3,
1960, pp 653-656

AGI

Sci

Aug 61

163,840

Battisite, A New Mineral, by S. M. Kravchenko, Ye. V. Vlasova, N. G. Pinevich 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII, No 3, 1960, pp 657-660.

AGI

Sci

Aug 61

163, 828

A Contribution to the Problem of the Chemical activity
of the Process Bleaching Wall Rocks during Ore
Deposition, by I. S. Goldberg, 3 pp.

RUSSIAN, Izv. Dok Ak Nauk SSSR, Vol. CXXXIII, No 3,
1960, pp 665-668.

AGI

Sci

Aug 61

163,834

The Siliceous Rocks of the Carboniferous of the
Bolshaya Shaytanovka River (North Urals), by V. A.
Chernykh, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII, No 3,
1960, pp 669-672.

AGI

Sci

Aug 61

163,835

A Microscopic Study of the Bituminous Rocks in the
Section of the Lower Mesozoic of the Chelyabinsk
Graben, by L. P. Kolgina, L. G. Orjev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII, No 3,
1960, pp 673-676.

AGI

Sci

ANN 61

163,827

The content of Organic Carbon in the water of the
northeastern Part of the Atlantic Ocean, by E. A.
Skopintsev, S. N. Timofeyeva, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII, No 3,
1960, pp 677-679

AGI

Sci

163, 875

Aug 61

The Effect of Increased Temperature on Black Sea
Mussels and on Their Ciliated Epithelium, by A. V.
Zhirnovskiy, 2pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CXXVIII, No 3,
1960, pp 633-635.

AIBS

Sci

Apr 61

Afferent Components in the Autonomic Ganglia,
by H. G. Kolosov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII,
No 3, 1960, pp 686-689.

AIBS

Sci

149,237

Apr 61

The Acid Ninhydrin Method of Determination of
Proline and Oxypoline Chromatographed on Starch,
by L. P. Alekseyenko, V. N. Crekhovich, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII, No 3,
1960, pp 690-693.

AIIBS

Sci

Apr 61

153, 072

Isolation and Certain Properties of Ribonucleoproteins
of the Nuclear Sap, by O. P. Samarina, G. P. Georgyev,
3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII, No 3,
1960, pp 694-.

AIBS

Sci

Apr 61

153,074

The Action of Sodium Ethylenediamine-Tetraacetic
Acid on the Behavior of Radioactive Cobalt in
the Soil-Plant System, by N. V. Krulikov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII,
No 3, 1960, pp 698-701.

AIBS

Sci

149,106

Apr 61

The Effect of Nitrogen Fertilizers on the
Active Absorption of Water by Corn, by A. N. Pavlov,
3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII,
No 3, 1960, pp 702-705.

AIBS

Sci

149,110

Apr 61

Results of the Study of the Washing of Nitrogen
and Ash Elements from the Crowns of Trees by
Rain, by I. K. Sviridova. 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII,
No 3, 1960, pp 706-708.

AIDS

Sci

Apr 61

149,112

^{FF}
The Effect of Gamma-Irradiation from Co⁶⁰
on Explanted Chick Embryonic Tissue, by A.
F. Ivanitskaya, Z. N. Paleyeva, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII,
No 3, 1960, pp 709-712.

AIBS

149,241

Sci

Apr 61

Changes in the Testis and Its Appendages After
Extirpation of the Spinal Sensory Ganglia, V.
G. Kondratéko, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII,
No 3, 1960, pp 713-715.

AIBS

Sci

149,240

Apr 61

Respiratory Atrioventricular Block, by E. B.
Bab'skiy, L. S. & Ul'yamin'skiy, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII,
No 3, 1960, pp 716-718.

AIBB

Sci

149,224

Apr 61

An Ecological and Histophysiological Analysis of
the ~~Human~~ Preoptic-Hypophyseal Neurosecretory
System in the Sturgeon, by I. A. Barannikova,
A. I. Polenov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII,
No 3, 1960, pp 719-721.

AIBS

Sci

149,226

Apr 61

Adaptation of the Somatic Musculature of the
Frog to the Action of Urea, by H. B. Il'inskaya,
3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII,
No 3, 1960, pp 722-725.

AIBS

~~Sch~~

149,219

Apr 61

Comparative Cytophysiological Analysis of the
Reaction of Muscle Fibers under the Influence
of Urea, by B. P. Ushakov, S. A. Krolenko,
3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII,
No 3, 1960, pp 726-729.

AIBS

Sci

149,221

Apr 61

Conditioned Motor Chain Reflexes in Monkeys, by
G. I. Shirkova, G. L. Verevkins, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII,
No 3, 1960, pp 730-733.

AIBS

Sci

Apr 61

149,220

Comparative Data on the Biology of Some Species
of Ticks of the Genus Ornithodoros, by E. N.
Pavlovskiy, A. N. Skrynnik, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII,
No 3, 1960, pp 734-736.

AIBS

Sci

Apr 61

149,228

On the Extremal Control of Inertial and Unstable
Objects, by V. V. Kazakevich, 2 pp.

RUSSIAN, per, Dok Ak Nauk, Vol CXXXIII, No 4, 1960,
pp 756-759.

Internl Phys Index
Automation Index
Vol III, No 6

Sci - Phys

May 61

157,296
/

Dok Ak Nauk SSSR, Vol CXXVIII, No 4, 1960, p 760-.

AIP
Sov Phys-Dok
Vol V, No 4

Dok Ak Nauk SSSR, Vol CXXIII, No 4, 1960, pp 764-767.

AIP
Sov Phys-Dok
Vol V, No 4

Dok Ak Nauk SSSR, Vol CXXXIII, No 4, 1960, pp 768-770.

AIP
Sov Phys-Dok
Vol V, No 4

Dok Ak Nauk SSSR, Vol CXXVIII, No 4, 1960, pp 771, 772.

AIP
Sov Phys-Dok
Vol V, No 4

Dok Ak Nauk SSSR, Vol. CXXVIII, No 4, 1960, p 773-.

AIP
Sov Phys.-Dok
Vol V, No 4

Dok Ak Nauk SSSR, Vol CXXVIII, No 4, 1960, p 777-

AIP
Sov Phys-Dok
Vol V, No 4

Dok Ak Nauk SSSR , Vol CXXVIII, No 4, 1960, pp 781-784.

AIP
Sov Phys-Dok
Vol V, No 4

Dok Ak Nauk SSSR, Vol. CXXVIII, No 4, 1960, p 785-.

AIP
Sov Phys-Dok
Vol V, No 4

Dok Ak Nauk SSSR, Vol CXIXIII, No 4, 1960, pp 789-792.

AIP
Sov Phys-Dok
Vol V, No 4

Dok Ak Nauk SSSR, Vol CXXIII, No 4, 1960, pp 795-796.

AIP
Sov Phys-Dok
Vol V, No 4

AEC DL-4182

Dok Ak Nauk SSSR, Vol CXXVIII, No 4, 1960, pp 797-799.

AIP
Sov Phys-Dok
Vol V, No 4

Dok Ak Nauk SSSR, Vol CXXVIII, No 4, 1960, pp 800-803.

AIP
Sov Phys-Dok
Vol V, No 4

The Step-Like motion of IMalocations in H₂Cl
Crystals, by V. N. Rozhanski, V. M. Stepanova.
UNCLASSIFIED

RUSSIAN, per, Dok Ak Nauk, SSSR, Vol CXXXIII,
No 4, 1960, pp 804-806. 457877

Navy 2702/NRL 825

Sci - Chemistry
Jan 61

300 000000
137,399
SLA 6-1115

Dokl Ak Nauk SSSR, Vol CXXIII, No 4, 1960, p 607r.

AIP
Sov Phys-Dok
Vol V, No 4

Dok Ak Nauk SSSR. Vol CDXXIII, No 4, 1960, pp 311, 312.

AIP
Sov Phys-Dok
Vol V, No 4

Dok Ak Nauk SSSR, Vol CXCVIII, No 4, 1960, pp 815-816.

AIP
Sov Phys-Dok
Vol V, No 4

Dok Ak Nauk SSSR, Vol. CXXVIII, No 4, 1960, pp 817-820.

AIP
Sov Phys-Dok
Vol V, No 4

Dok Ak Nauk SSSR, Vol CXXXIII, No 4, 1960, pp 821-824.

AIP
Sov Phys-Dok
Vol V, No 4

Dok Ak Nauk SSSR, Vol CXXVIII, No 4, 1960, pp 825-828.

AIP
Sov Phys- Dok
Vol V, No 4

Helium Cryostat Without Cooling by Liquid Nitrogen,
by A. B. Fradkov, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII,
No 4, 1960, pp 829-.

AIP
Sov Phys-Doklady
Vol V, No 4

Sci

Feb 61

The Principles of Constructing Geophysical
Apparatus for Electrical Surveying by the Method
of Obtaining Frequency Characteristics, by K. B.
Kerandeyev, L. Ya. Mizyuk, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII, No 4,
1960, pp 831-834.

AGI

Sci

Aug 61

Calculation of the Displacement of the
Crystallization Front in a Supercooled Cloud
Subjected to the Action of Solid Carbon Dioxide,
by A. G. Kolesnikov, V. I. Belyayev, 3 pp.

RUSSIAN, *izv.*, Dok Ak Nauk SSSR, Vol CXXVIII, No 4,
1960, pp 835-837.

AGI

Sci

183, 871

Aug 61

...
... particles in the ...
... 3 pp.

RUSSIAN, per, Dok /k. Vost. SSSR, Vol. 2, 1960, pp 835-840.

SA 163,873

Sci

Aug 61

Effect of Specific Radioactivity of Cerium
Oxalate on its Solubility, Vikt. I. Spitsyn,
N. G. Moshchanakaya, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII,
No 4, 1960, pp 859-861.

GB

Sci

Apr 61

149,189

The Influence of the State of the Diffusion Side of an Iron Membrane on the Rate of Diffusion of Electrolytic Hydrogen, by I. A. Bagotskaya, L. D. Kovba, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII, No 4, 1960, pp 862-865.

CB

Sci

Apr 61

149,188

The Effect of Particle Size on the Rate of
Combustion of Mixtures Containing Potassium
Perchlorate, N. N. Bakman, A. F. Belyayev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII,
No 4, 1960, pp 866-868.

CB

Sci

149, 190

Apr 61

The Mechanism of the Electrolytic Polishing of
Metals, in the Light of Electron Microscope Studies
at Different Stages in the Treatment, by G. S.
Vozdvizhenskiy, G. A. Gorbachuk, G. P. Dezidar'yev,
4 pp.

of the surface

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII,
No 4, 1960, pp 869-871.

CB

Sci

149,183

Apr 61

On the Nonequilibrium State behind a Shock
Wave in Air, by (A. S.) Losev, H. A. Generalov,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII,
No 4, 1960, pp 872-874.

CB

Sci

Apr 61

149,185

The Influence of Selenium and Tellurium on the
Catalytic Action of Silver in the Oxidation of
Ethylene, V. E. Ostrovskiy, N. V. Kul'kova, A.
D. Nedbayeva, 4 pp.

RUSSIAN, per, Dok Ak Nauk BSSR, Vol CXXXIII,
No 4, 1960, pp 875-877.

CB

Sci

149,184

Apr 61

A Rapid ~~GC~~ Chromatographic ~~GC~~ Method of
Measuring Gas and Vapor Isotherms, by S. Z.
Roginskiy, M. I. Yanovskiy, Lu Pei-chzhan,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII,
No 4, 1960, pp 878-881.

CB

OTZ 63-10711

149,186
/

Sci

Apr 61

Kinetics of the Hydrolysis of Pyridine-Sulfur
Trioxide, by I. G. Ryss, D. B. Donakaya, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII,
No 4, 1960, pp 882-885

CB

Sci

Apr 61

149,179

The Effect of Temperature on the Corrosion Rate
of Metals in Acid Media, by V. A. Khitrov, V.
I. Shatalova, I. S. Smol'yaninov, 4 pp.

SSSR

RUSSIAN, per, Dok Ak Nauk, Vol ~~XXXXXX~~,
No 4, 1960, pp 886-888.

CB

Sci

149,181

Apr 61

The Effects of Light on Polarized Germanium
Anodes, by A. A. Yakovleva, T. I. Borisova, V.
I. Veselovskiy, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 3 CXXXIII,
No 4, 1960, pp 889-892.

CB

Sci

149,180

Apr 61

New Discoveries of Fauna and Flora in the Mountains
in the Yenisei Valley between Igarka and
Podkamennaya Tunguska, by S. A. Arkhipov, Z. V.
Aleshinskaya, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII, No 4,
1960, pp 901-904

AGI

Sci

Aug 61

183, 842

The History of Vegetation in Mashchera during the
Holocene, by A. A. Aseyev, G. N. Lisitsyna, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII, No 4,
1960, pp 905-908.

Sci

Aug 61

163, 84.7

Recent Data on the Triassic Deposits of the
Pachora Depression, by V. P. Gorsky, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII, No 4,
1960, pp 909-912

AGI

Sci

Aug 61

163,849

Recent Data on the Geology of the
Rachora Depression, by T. I. Kushnareva, Ye. B.
Bosain, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII, No 4,
1960, pp 913-915

AGI

Sci

Aug 61

163,848

New Data on the Correlation of the Krivoy Rog
Metamorphic Formation with the Saksagan Fagioclase
Granites, by M. S. Ponomarev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 4,
1960, pp 917-920.

AGI

Sci

Aug 61

163,850

Recent Data on the Vertical Distribution of
Foraminifers in Contiguous Strata of the Devonian
and Carboniferous in the Southern Urals, by A. A.
Sultansyev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII, No 4,
1960, pp 921-924.

AGI

Sci

Aug 61

163,851

On the Paleogene Sea of the Tiber Depression, by
S. Ya. Chikobayev, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CXVIII, No. 1,
1966, pp 925-927.

ACI

Sci

Aug 62

Identification of Boehmite in the Biscuit Kaolinite
Clays of the Stalinogorsk (Lower Carboniferous)
Horizon of Tatarskiy, by N. P. Betelev, 4pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII, No 4,
1960, pp 928-930.

AGI

Sci

Aug 61

163, 830

Argillites of the Jurassic Coal Measures of Dagestan,
by G. N. Brovkov, 4 pp.

RUS: IAN, per, Dok Ak Nauk SSSR, Vol CXXXIII, No 4,
1960, pp 931-934.

AGI

Sci

Aug 61

163, 837

Ore-Bearing Perovskitic Pyroxenite Intrusions in
Eastern Sayan, by A. A. Konev, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII, No 4,
1960, pp 935-938.

AGI

Sci.

Aug 61

163, 836

New Optical Orientation Diagrams for the Alkali
Feldspars, by A. S. Marfunin, 3 pp.

RUSSIAN, *Dok Ak Nauk SSSR*, Vol CXXXIII, No 4,
1960, pp 939-942.

AGI

Sci

Aug 61

163, 838

163, 838

Investigation of the Sorption of Microelements by
the Carbonate System of Natural Water, by O. A.
Alekin, N. P. Moricheva, 4 pp.

RUSSIAN, par, Dok Ak Nauk SSSR, Vol CXXXIII, No 4,
1960, pp 943-946

AGI

Sci

163,877

Aug 61

CHANGE OF PROPERTIES OF
"Condensed" Nerve Cells, by F. R. Dunaevskiy;
3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII,
No 4, 1960, pp 954-956.

XXXX

Aibs

Sci

Apr 61

149,119

T

Study of Heat Sensitivity in Certain Marine In-
vertebrates and in their Tissues by A. V.
Zhirmanskiy, L. N. Pisareva, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII,
No 4, 1960, pp 957-959.

AIBS

Sci

Apr 61

149,118

Relation Between Fecundity, Egg Size Variation
and Fatness in the White Sea Herring *Clupea*
harengus pallasi Maris-Albi Bergo^o by L. E.
Anokhina, 3 pp.

RUSSIAN, par, Dok Ak Nauk SSSR, Vol ^X XXXIII,
No 4, pp 960-963.

AHS

K Sci

Apr 61

149,006

Vertical Distribution of Zooplankton in the
Black Sea in Relation to Hydrological Con-
ditions, by T. S. Petipa, L. I. Sazhina, E.
P. Delalo, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII,
No 4, 1960, pp 964-967.

AIBS

SPZ

149,233

Apr 61

Dok Ak Nauk SSSR, Vol CXXVIII, No 4, 1960, p 969-.

AIP
Sov Phys-Dok
Vol V, No 4

11/12

Effect of Light of Different Spectral Constitution
on Reproduction of Tobacco Mosaic Virus, by A. V.
Krilov, V. A. Smirnova, G. A. Tarakanova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII,
No 4, 1960, pp 973-975.

AIBS

Sci

149,102

Apr 61

The Pentose Phosphate Pathway of Carbohydrate
Breakdown in Potato Tubers Infected with
Phytophthora infestans, by B. A. Rubin, O. L.
Ozeretskoykaya, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol ~~228~~ CXXXIII,
No 4, 1960, pp 976-979.

AIBS

Sci

149, 104

Apr 61

Tempo of Evolution in Hamsters (Cricetinae)
and Some Factors Determining Its Rate, by
N. N. ~~NERN~~ Vorontsov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII,
No 4, 1960, pp 980-983.

AIBS

Sci

Apr 61

149,218
/

Rhythmic Changes in Oxygen Tensions in Living
Tissues by A. D. Snehko, ⁵/₃ pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII,
No 4, 1960, pp 984-987.

AIES

Sci

Apr 61

149,222

Results of the Complete Removal of the Duodenum and Its General Hormonal Effects, by
KY A. M. Ugolev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII,
No 4, 1960, pp 988-991.

AIBS

Sci

Apr 61

149,215

(EX-5153)

On Reduction of the Influence of Inertia in Extremal
Control of Objects of the n^{th} Order, by V. V.
Kuzakevich, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII, No 5,
Aug 1960, pp 1041-1044.

Sci - Phys

Feb 61

SLA 61-21054
JPRS 7538
HEP
Sci Phys - Dok
Vol V, 1964
139, 273

Dok Ak Nauk SSSR, Vol. CXIII, No 4, 1960, p. 1047-.

AIP
Sov Phys-Dok
Vol V, No 4

On the Motion of a Gyroscopic Compass Due to the
Action of Random Forces, by/H. Roitenberg,
Ya.

RUSSIAN, per, Dok Ak Nauk, Vol CXXXIII, No 5, 1960,
pp 1045-1048.

Internatl Phys Index
Automation Express
Vol III, No 2

Sci - Phys

Nov 60

131,997

Handwritten:
Ames Index
Sci Phys
Vol III, No 2

Dok Ak Nauk SSSR, Vol CXXIII, No 5, 1960, p 1049-.

AIP
Sov Phys-Dok
Vol V, No 4

Dok Ak Nauk SSSR, Vol CXCKIII, No 5, 1960, p 1053-.

AIP
Sov Phys-Dok
Vol V, No 4

Dok Ak Nauk SSSR, Vol CXXVIII, No 5, 1960, pp 1057-1059.

AIP
Sov Phys-Dok
Vol V, No 4

Dok Akad Nauk SSSR, Vol OBEKIII, No 5, 1960, pp 1060-1063.

AIP
Sov Phys-Dok
Vol V, No 4

Dok Ak Nauk SSSR, Vol XXXIII, No 5, 1960, pp 1064-1066.

AIP
Sov Phys-Dok
Vol V, No 4

The Calculation of Evaporation from a Bounded
Reservoir Including the Effect of Horizontal
Mixing, by L. S. Gandin, R. E. Soloveychik, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII, No 5,
1960, pp 1070-1072.

AGI

Sci

Aug 61

Balandin, A. A.
STRUCTURAL CONFORMITY DURING CATALYSIS.
[1962] 5p. 30 refs.
Order from OIS or SLA \$1.10

62-16373

Trans. of Akademiya Nauk SSSR. Doklady, 1960,
v. 133 [no. 5] p. 1073-1076.

DESCRIPTORS: *Catalysts, *Crystal structure,
Metallic crystals, Tables

A table of smallest interatomic distances for 4 types
of crystalline lattices is compiled on the basis of the
data of L. E. Sutton (Tables of Interatomic Distances
and Configuration in Molecules and Ions, London,
1958).

(Chemistry--Physical, TT, v. 6, no. 9)

62-16373

I. Balandin, A. A.

Office of Technical Services

61-10800

Dalin, M. A., Pis'man, I. I. and others.
COPOLYMERIZATION OF ETHYLENE WITH PRO-
PYLENE AND WITH α -BUTYLENE ON CHROMIUM-
OXIDE CATALYST. [1960] 2p. 5 refs.
Order from LC or SLA mi\$1.80, ph\$1.80 61-10800

Trans. of Akad[emiya] Nauk SSSR. Dokl[ady] 1960,
v. 133 [no. 5] p. 1084-[1085].

The properties of polyethylene, of copolymer ethyl-
ene/propylene, containing 1[] wt.-% propylene and
87.4 wt.-% ethylene, and of copolymer ethylene/ α -
butylene, containing 7% butylene and 93% of ethylene,
are tabulated.

151864

(Chemistry--Organic, TT, v. 5, no. 9)

1. Ethylenes--Polymerization
 2. Propenes--Polymerization
 3. Butenes--Polymerization
 4. Copolymerization
- I. Dalin, M. A.
 - II. Pis'man, I. I.
 - III. 61-10722 canceled

Office of Technical Services

61-10723

Lavrovskiy, K. P., Rozental', A. L., and Chzhan, Chzhao-Lan.

INVESTIGATION ON THE REACTION OF CATALYTIC DEHYDROGENATION OF ISOPENTANE.

[1960] 5p. 12 refs.
Order from I.C or S.L.A mi\$1.80, ph\$1.80 61-10723

Trans. of Akad[emiya] Nauk SSSR Dokl[ady] 1960, v. 133, no. 5, p. 1098-[1101].

The reaction of isopentane dehydrogenation on chromia-alumina catalysts was investigated in temperature interval of 500-600°. The basic peculiarity of the work is the application of boiling layer method for investigation of the process kinetics. (Author)

1. Pentanes--Dehydrogenation
 2. Aluminum oxides--Catalytic properties
 3. Chromium oxides--Catalytic properties
- I. Lavrovskiy, K. P.
 - II. Rozental', A. L.
 - III. Chzhan, Chzhao-Lan

151831

Office of Technical Services

(Chemistry--Physical, TT, v. 5, no. 9)

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII, No 5,
1960, pp 1102-1104

AIP pub. 30 Jan 6

Shuykin, N. L., Erivanskaya, L. A., and Yan, Ai-si.
CATALYTIC DEHYDROGENATION OF β -N-BUTYL-
NAPHTHALENE. [1961] 4p. 7 refs.
Order from OTS or SLA \$1.10 61-14966

Trans. of Akad[emiya] Nauk SSSR. Dokl[ady] 1960.
v. 133 [no. 5] p. 1125-1127.

DESCRIPTORS: *Naphthalenes, Butyl radicals,
*Dehydrogenation, Catalysts.

(Chemistry--Organic, TT, v. 6, no. 2)

61-14966

I Shuykin, N. L.
II Erivanskaya, L. A.
III Yan, Ai-si

104564

Office of Technical Services

The Mechanism of the Reciprocal Transfer of Copper
During Friction Between Bronze and Steel, by B. N.
Garkunov, V. N. Lomovskiy, A. A. Polyakov, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CXXLIII, No 5,
1960, pp 1123-1129.

CB

Sci

Apr 61